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🔍 Title: **JP3272832A2: MANUFACTURE OF HOLLOW BODY OF FIBER REINFORCED THERMOPLASTIC RESIN**

🔍 Country: JP Japan

🔍 Kind: A

🔍 Inventor: **ASANO YUJI;**
MINAMI RYOICHI;

🔍 Assignee: **UCHIHAMA KASEI KK**
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🔍 Published / Filed: **1991-12-04 / 1990-03-22**

🔍 Application Number: **JP1990000072945**

🔍 IPC Code: **[B29C 67/14](#); [B29C 33/52](#); [B29C 33/76](#); [B29K 105/06](#); [B29L 22/00](#);**

🔍 Priority Number: **1990-03-22 JP1990000072945**

🔍 Abstract:

PURPOSE: To reduce the cost, enhance the appearance of a product and uniformize the physical properties by applying a given fiber reinforced thermoset resin material on the surface of a core from where said resin material can be removed easily, accommodating the material in a cavity, filling the same in a box of closed structure, heating, curing and melting or removing the core.

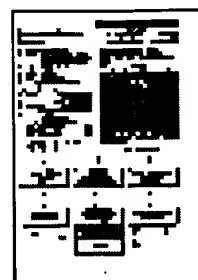
CONSTITUTION: A core 24 of the shape conformed with the shape of an inner space 22 of a hollow molded body 16 is formed. The core 24 is formed with a material to be removed easily after molding the hollow molded body 16 by melting, dissolving or breaking. Then, a resin material layer 26 composed of a sheet material or a tape material formed with, for instance, carbon fiber impregnated with epoxy resin is stuck with the core 24 and laminated thereon while the resin is in the half-dried state. The core 24 is accommodated successively in a molding tool 30 and a box 34 during forming the resin material layer and disposed in an isothermal layer to cure the resin material layer 26 and heated therein. When the curing of the resin material layer 26 is completed, the core 24 is removed to manufacture a hollow molded product 16.

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